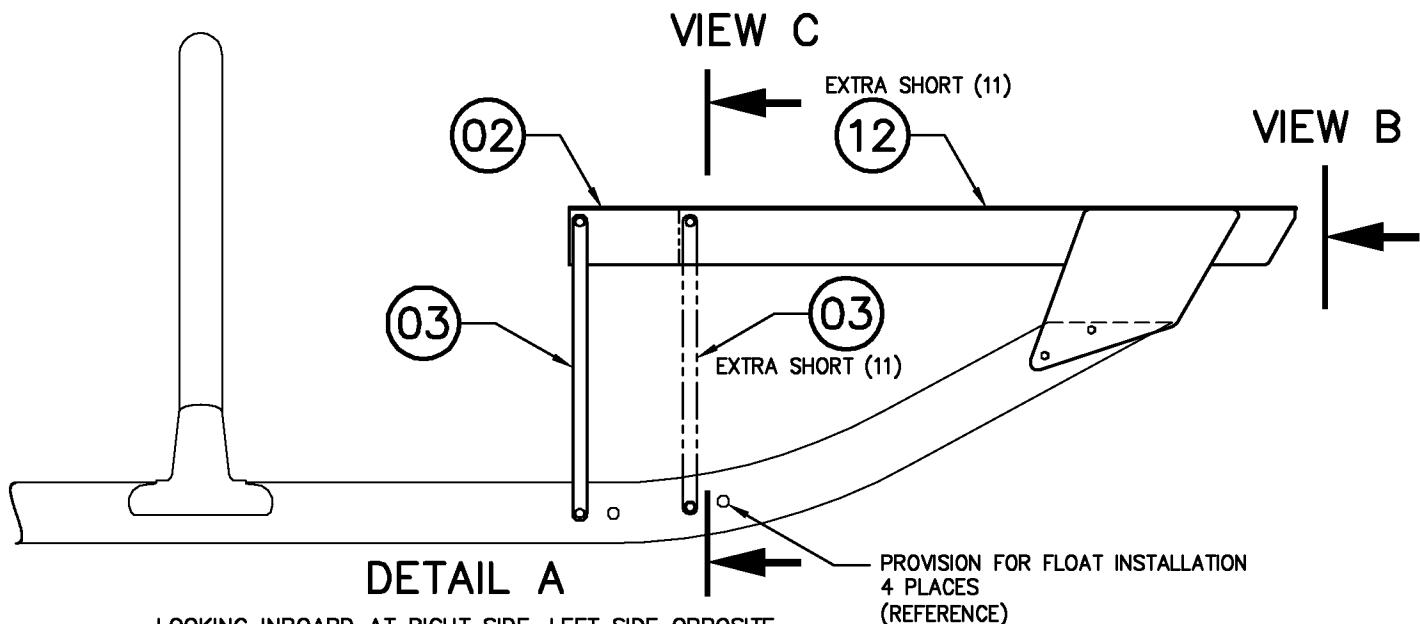


- 01 SHORT STEP INSTALLATION
- 11 EXTRA SHORT STEP INSTALLATION



QTY	QTY	PART NO.	ITEM	DESCRIPTION
LIST OF MATERIALS				
2	2	MS21044N3	NUT	
4	4	NAS1149F0363P	WASHER	
2	2	AN3-35A	BOLT	
2	2	MS21044N4	NUT	
4	4	NAS1149F0463P	WASHER	
2	2	AN4-42A	BOLT	
1		82719-01	12	EXTRA SHORT STEP ASS'Y
		82706-11	11	EXTRA SHORT STEP INST'N
1	1	82733-02	04	BUSHING
1	1	82733-01	03	BRACKET
1		82715-01	02	STEP ASSEMBLY
		82706-01	01	SHORT STEP INSTALLATION
11	01			

APPROVALS	DATE
DRAWN: JEFF CLARKE	16 JULY 2009

CHECKED: E. BURGOIN

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:

DECIMALS	ANGLES
X.XXX ± 0.010	$\pm 1/2^{\circ}$
X.XX ± 0.03	
X.X ± 0.1	

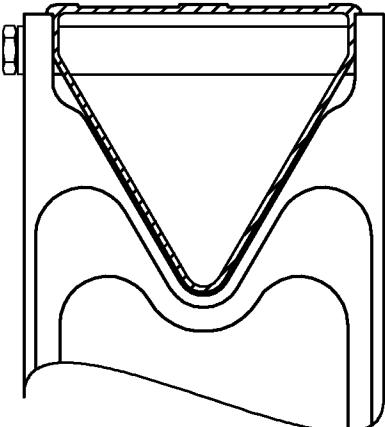


AERO DESIGN LTD.

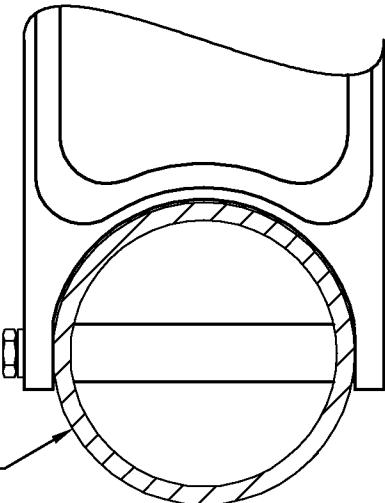
9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.489.2376 www.aerodesign.ca

EUROCOPTER AS350 & AS355 SERIES FIXED CABIN STEP SHORT STEP INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 3	A4	82706	2	



AN4-42A BOLT
NAS1149F0463P WASHER (2)
MS21044N4 NUT



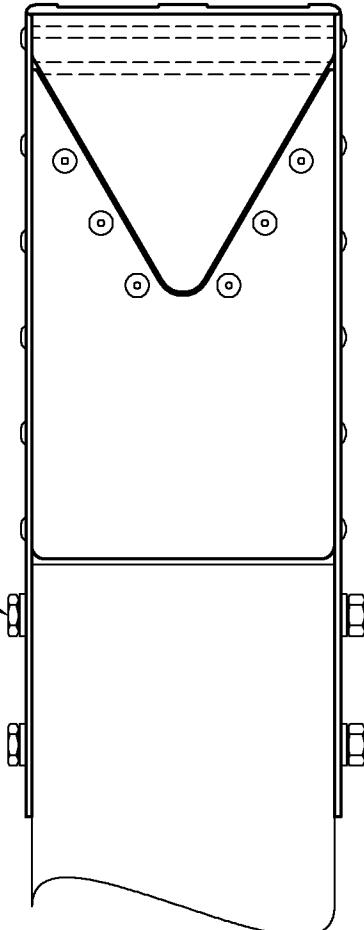
SKID TUBE
(REF)

VIEW C

LOOKING AFT
THROUGH STEP AND SKID TUBE

AN3-35A BOLT
NAS1149F0363P WASHER (2)
MS21044N3 NUT
2 PLACES

REMOVE EXISTING BOLT, NUT AND PLUGS
AN4-42A BOLT
NAS1149F0463P WASHER (2)
82733-02 BUSHING (ITEM 04)
MS21044N4 NUT
LOCATE ON AFT HOLE FOR FLOAT PROVISIONS



VIEW B

LOOKING AFT



AERO DESIGN LTD.

9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.489.2376 www.aerodesign.ca

APPROVALS	DATE
DRAWN: JEFF CLARKE	16 JULY 2009
CHECKED: E. BURGOIN	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:

DECIMALS	ANGLES
X.XXX ± 0.010	$\pm 1/2^\circ$
X.XX ± 0.03	
X.X ± 0.1	

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 3	A4	82706	2

**EUROCOPTER AS350 & AS355 SERIES
FIXED CABIN STEP
SHORT STEP INSTALLATION**

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	CHANGE STEP PROFILE	BJC	APR 30/10
2	TITLE BLOCK UPDATED; METRIC TORQUE; HARDWARE; EXTRA SHORT CONFIG.	BJC	28/07/2014

NOTES

1. REMOVE EXISTING STEP CAP FROM END OF SKID TUBE. FILL VOID WITH 2 PART POLYURETHANE FOAM. REMOVE EUROCOPTER "VERTICAL STEP" IF FITTED. PLUG HOLES IN SKID TUBE WITH CHERRY BLIND RIVETS.
2. TORQUE AN3 BOLTS TO 20 – 25 INCH-POUNDS (2.3 – 2.8 N·m).
TORQUE AN4 BOLTS TO 50 – 70 INCH-POUNDS (5.6 – 7.9 N·m).
3. THIS INSTALLATION IS COMPATIBLE WITH ALL AERO DESIGN LTD. QUICK RELEASE CARGO BASKET INSTALLATIONS IN ACCORDANCE WITH STC SH08-16.
4. THIS INSTALLATION MAY BE APPLIED TO THE RIGHT AND/OR LEFT SIDES. WEIGHT AND BALANCE IS GIVEN FOR RIGHT SIDE, LATERAL ARM IS NEGATIVE FOR LEFT SIDE.

WEIGHT AND BALANCE — METRIC						
ITEM	DESCRIPTION	WEIGHT (KG)	ARM (MM)	LONGITUDINAL MOMENT (KG-MM)	ARM (MM)	LATERAL MOMENT (KG-MM)
01	SHORT STEP INSTALLATION	1.9	1755	3335	1000	1900
11	EXTRA SHORT STEP INSTALLATION	1.7	1681	2892	1000	1720
WEIGHT AND BALANCE — STANDARD						
ITEM	DESCRIPTION	WEIGHT (LB)	ARM (IN)	LONGITUDINAL MOMENT (LB-IN)	ARM (IN)	LATERAL MOMENT (LB-IN)
01	SHORT STEP INSTALLATION	4.2	69.1	290.2	39.4	165.5
11	EXTRA SHORT STEP INSTALLATION	3.8	66.2	251.6	39.4	149.7

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	DRAWN: JEFF CLARKE	16 JULY 2009		CHECKED: E. BURGOIN	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1	
NOTICE — —		NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
		SHEET 3 OF 3	A4	82706	2	